

THE KERN ASTRONOMICAL SOCIETY



THE NEWSLETTER OF THE KERN ASTRONOMICAL SOCIETY

NO. 465 NOVEMBER 2015

KAS OPEN GENERAL MEETING



FIRST FRIDAY OF EVERY MONTH

November 6th 2015 @
Round Table Pizza,
4200 Gosford Rd, Suite 101,
Bakersfield, Ca

Dinner **6:30 pm**
 Meeting and Speaker **7:30 pm**

SPEAKERS

CATHY JONES

MT. WILSON HIGHLIGHTS AND UPCOMING EVENT REVIEW

Our own Cathy Jones will be our speaker and show all the highlights of the Mt. Wilson trip. Don't miss it!
 We also will talk about the upcoming events.

There will be a sign-up sheet for our Christmas Party December 4th. Very exciting: this year we have door prizes! That's right all you have to do is cross the door. We have green laser pointer and lights, calendars and the big prize is a 25X100 Binoculars with case. This year great, new location: 1819 Brundage Lane. This, as always, will be a great event. -Heather Ponek

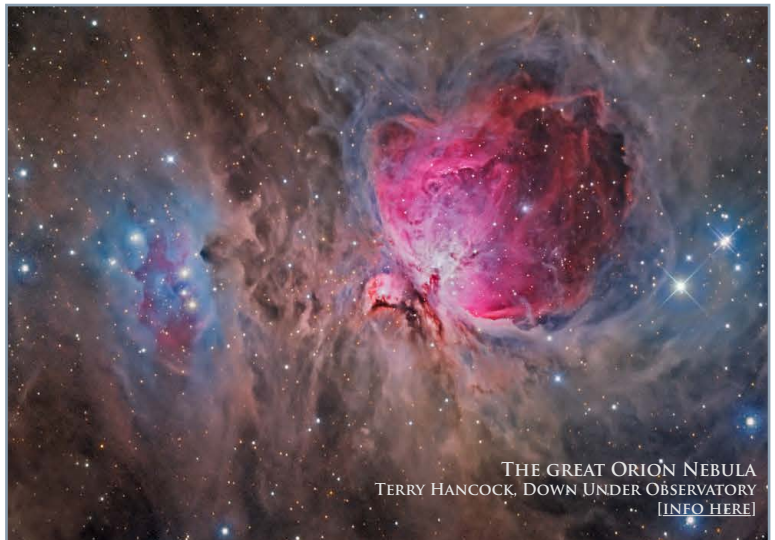


NOVEMBER CALENDAR

- 11-06 6:30p-9:30p KAS Open General Meeting
- 11-07 KAS Dark Sky Night, Chuchupate Ranger Station, 34580 Lockwood Valley Rd
- 11-07 10 am- 3 pm Kern Energy Festival Solar Outreach, The Kern County Museum, 3801 Chester Ave
- 11-14 9am-12p PACA Mania Solar Outreach Kern County Fair, 1142 S P St, Bakersfield, CA 93307
- 11-14 KAS Dark Sky Night, Chuchupate Ranger Station, 34580 Lockwood Valley Rd
- 11-19 KAS Board Meeting, La Pizza Veloz, 3605 Mt. Vernon Ave, Bakersfield, 93315
- ★ 12-4 KAS Christmas Party, Society for disabled Children's Center, 1819 Brundage Lane

NOVEMBER

Complete Calendar online at <http://kernastro.org/calendar.htm>



THE GREAT ORION NEBULA
 TERRY HANCOCK, DOWN UNDER OBSERVATORY
 [INFO HERE]

KAS CONTACTS

- Star Parties Darren Bly dcbly@bak.rr.com
- President Open
- Vice President Mike Ponek mponek@bak.rr.com
- Treasurer Andrea Drake kpowers@bak.rr.com
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- Board Member Charlie Brown astronomer@inorbit.com
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KAS on Facebook
 [click & join]

KAS Solar Outreach

Solar viewing was provided to 4 schools during October. After waiting for some clouds to pass, Plantation Elementary fifth graders were able to see sunspots and solar flares on October 13, 2015. The sunspots were a bit smaller than the ones that had been seen the previous year, as they were all remnants of storms making their second pass.

The next week, October 20-22, three schools from the Fairfax district, Shirley Lane, Zephyr, and Virginia, brought their sixth grade classes to the Panorama Preserve, where our group served as one of five stations providing activities for the students.

Darren Bly always gives the students a good safety talk about the dangers of looking at the sun without adequate eye protection, as well as an informative lesson on the types of solar filters, white light and hydrogen alpha, through which the students will be looking. After giving them an idea of what to anticipate viewing the students move in small groups to the different scopes or viewing devices which are available.

In addition to Darren, “thank you” is accorded to the following who showed to help with the viewing during the two weeks: Andrea Lopez, Marcos Lopez, Don Belflower, Gregg Pytlak, Steve Andrews, Walter Albrecht, Aztlan Payne, and Ken Russel.

Jupiter, Mars, Venus Conjunction

The conjunction of the three planets continues in the morning sky. On November 6, the crescent moon will be next to Jupiter, and on November 7, the crescent moon will be next to Venus. Check out the eastern sky in the early mornings. There will not be another three planet conjunction until January 2021. Steve Andrews is working on an Observation Certificate if you would like, for yourself and family members who view the conjunction.

This summer there was a Jupiter-Venus conjunction in the evening sky. Now we have the “Morning Star” version of Venus in conjunction with Mars and Jupiter. If viewed in a telescope, Venus is still in a partial phase.

On Saturday, Nov. 7, 2015, Chevron and Hathaway will be hosting an energy festival at the Kern County Museum.

The KAS will provide solar viewing from 10:00a.m. to 3:00 p.m. with setup at 9:00 p.m. Even if you do not have solar equipment to contribute to the viewing, please feel free to stop by and check out the sunspots and prominences.

